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Sheet 1 of 3

FORM PTO-1449
(Rev. 7-80)U.S. Dept. of Commerce
Patent and Trademark OfficeAtty Docket No.
24096 .00700Serial No.
09/675,488

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicant

Kozlowski, Lester J..

Filing Date

September 29, 2000

Group

2622

U.S. PATENT DOCUMENTS

*Examine r Initials		Document Number	Date	Name	Class	Subclass	Filing Date
<i>jin</i>	AA	Re 34,908	9/5/00	Wyles, et al	250	208.1	
<i>jin</i>	AB	4,249,122	2/3/81	Widlar	223	313	
<i>jin</i>	AC	4,463,383	7/31/84	Sonoda, et al	358	212	
<i>jin</i>	AD	4,466,018	8/14/84	Sonoda, et al	358	213	
<i>jin</i>	AE	4,676,761	6/30/87	Poujois	445	3	
<i>jin</i>	AF	4,794,247	12/27/88	Stineman, et al	250	214A	
<i>jin</i>	AG	5,043,820	8/27/91	Wyles, et al	358	213.8	
<i>jin</i>	AH	5,083,016	1/21/92	Wyles, et al	250	208.1	
<i>jin</i>	AI	5,345,266	9/6/94	Denyer, et al	348	300	
<i>jin</i>	AJ	5,296,696	3/22/94	Uno, M.	250	208.1	
<i>jin</i>	AK	5,471,515	11/28/95	Fossum, et al	377	60	
<i>jin</i>	AL	5,576,763	11/19/96	Ackland, et al	348	308	
<i>jin</i>	AM	5,541,402	7/30/96	Ackland, et al	250	208.1	
<i>jin</i>	AN	5,587,596	12/24/96	Chi, et al	257	233	
<i>jin</i>	AO	5,608,243	3/4/97	Chi, et al	257	244	
<i>jin</i>	AP	5,055,667	10/08/91	Sayag	250	208.1	
<i>jin</i>	AQ	5,128,534	7/7/92	Wyles, et al	250	208.1	
<i>jin</i>	AR	5,146,302	9/8/92	Kumada	357	24	
<i>jin</i>	AS	5,382,977	1/17/95	Kozlowski, et al	348	300	
<i>jin</i>	AT	5,627,112	5/6/97	Tennant, et al	438	113	
<i>jin</i>	AU	5,665,959	9/9/97	Fossum, et al	250	208.1	
<i>jin</i>	AV	5,929,434	7/27/99	Kozlowski, et al	250	214A	
<i>jin</i>	AW	5,933,190	8/3/99	Dierickx, et al	348	302	
<i>jin</i>	AX	6,064,431	5/16/00	Ueno	348	241	
<i>jin</i>	AY	RE 34,802	11/29/94	Sayag, et al	250	208.1	
<i>jin</i>	BA	6,001,668	12/14/99	Anagnostopoulos, et al	438	70	
<i>jin</i>	BB	5,898,168	4/27/99	Gowda, et al	250	208.1	

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							Yes	No



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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

in	BC	R.H. Dyck and G.P. Weckler, "Integrated Arrays Of Silicon Photodetectors For Image Sensing", IEEE Trans. Electron Devices, ED-15, April 1968, pp.196-201
in	BD	J.D. Plummer and J.D. Meindl, "MOS Electronics For A portable Reading Aid For The Blind", IEEE J. Solid-State Circuits, SC-7, April 1972, pp. 111-119
in	BE	N. Koikke, I. Takemoto, K. Satoh, S. Hanamura, S. Nagahara and M. Kubo, "MOS Area Sensor: Part I - Design Consideration And Performance Of An n-p-n Structure 484 x 384 Element Color MOS Imager", IEEE Trans Electron Devices, ED-27 (8), August 1980, pp. 1676-1681
in	BF	S. Ohba, M. Nakai, H. Ando, S. Hanamura, S. Shimada, K. Satoh, K. Takahashi, M. Kubo and T. Fujita, "MOS Area Sensor: Part II - Low-Noise MOS Area Sensor With Antiblooming Photodiodes", IEEE Trans. Electron Devices, ED-27 (8) August 1980, pp. 1682-1687
in	BG	EG&G Reticon Sales Catalog, Image Sensing and Solid State Camera Products 1994/1995. Solid State Image Sensor Array Specification For Part No: RA0256B
in	BH	EG&G Reticon Sales Catalog, Image Sensing and Solid State Camera Products 1994/1995. High-Speed Solid State Image Sensor Array Specification For Part No: RA2568N
in	BI	EG&G Reticon Sales Catalog, Image Sensing and Solid State Camera Products 1994/1995. Solid State Sensor Arrays Specification For Part Nos: RA0100A/RA0128N
in	BJ	H. Ando, S. Ohba, M. Nakai, T. Ozaki, M. Ozawa, K. Ikeda, T. Masuhara, T. Imaide, I. Takemoto, T. Suzuki and T. Fukita, "Design Consideration And Performance Of A New MOS Imaging Device", IEEE Trans. On Elec. Dev., ED-32 (8), August 1985, pp. 1484-1489
in	BK	N. Tanaka, T. Ohmi and Y. Nakamura, "A Novel Bipolar Imaging Device With Self-Noise Reduction Capability", IEEE Trans. Elec. Dev., 36 (1), January 1989, pp. 31-38
in	BL	G.P. Weckler, "Storage Mode Operation Of A Phototransistor And Its Adaptation To Integrated Arrays For Image Detection", IEDM, October 1996. (Abstract Only - No known paper available from professional document delivery services)
in	BM	N. Tanaka, T. Ohmi, Y. Nakamura and S. Matsumoto, "A Low-Noise Bi-CMOS Linear Imager Sensor With Auto-Focusing Function", IEEE Trans. Elec. Dev., 36 (1), January 1989, pp. 39-45
in	BN	N. Tanaka, S. Hashimoto, M. Shinohara, S. Sugawa, m. Morishita, S. Matsumora, Y. Nakamura and T. Ohmi, "A 310k Pixel Bipolar Imager (BASIS), ISSCC 1989
in	BO	G.P. Weckler, "Charge Storage Lights The Way For Solid-State Image Sensors", Electronics, May 1, 1967, pp. 75-78
in	BP	G.P. Weckler, "Operation of p-n Junction Photodetectors In A Photon Flux Integrating Mode", IEEE Journal Of solid State Circuits, Vol. SC-2, No. 3, September 1967, pp. 65-73
in	BQ	G.P. Weckler and R.H. Dyck, "Integrated Arrays Of Silicon Photodetectors For Image Sensing", WESCON, August 22-25, 1967, pp. 1-8
in	BR	L.J. Kozlowski, J. Luo, W.E. Kleinhans and T. Lui, "Comparison Of Passive And Active Pixel Schemes For CMOS Visible Imagers", SPIE, Vol. 3360, April 1998
in	BS	Ming-Jer Chin, Yen-Bin Gu, Terry Wu, Po-Chin Hsu and Tsung-Hann Liu, "Weak Inversion Charge Injection In Analog MOS Switches", IEEE Journal Of Solid-State Circuits, Vol. 30, No. 5, May 1995, pp. 604-606
in	BT	Peter W. Fry, Peter J. W. Noble and Robert J. Rycroft, "Fixed-Pattern Noise In Photomatrices", IEEE Journal Of Solid-State Circuits, Vol. SC-5, No. 5, October 1970, pp. 250-254
in	BU	Degrauwe, et al., "A Micropower CMOS-Instrumentation Amplifier", IEEE Journal Of Solid-State Circuits, Vol. SC-20, No. 3 June 1985, pp. 805-807



<i>in</i>	BV	Letter Dated July 31, 1998, From Gene Weckler, RAD-ICON IMAGING CORP., addressed to Mark Wettler
	BW	Chamberlin, et al., "A Novel Wide Dynamic Range Silicon Photodetector And Linear Imaging Array", IEEE Transactions On Electron Devices, Vol. ED-31, No. 2, February 1984, pp. 175-182
<i>in</i>	BX	L.J. Kozlowski, D. Standley, J. Luo, A. Tomasini, A. Gallagher, R. Mann, B.C. Hsieh, T. Liu and W.E. Kleinhans, "Theoretical Basis And Experimental Confirmation: Why A CMOS Imager Is Superior To A CD", SPIE Conference On Infrared Technology And Applications XXV, Orlando, Fla, April 1999, Vol. 369, pp. 388-396
<i>in</i>	BY	Mendis, et al., "A 128 x 128 CMOS Active Pixel Image Sensor For Highly Integrated Imaging Systems," IEEE Electron Device Meeting, p. 583, 1993
Examiner <i>[Signature]</i>		Date Considered <i>9-16-03</i>
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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<i>zm</i>	AA	5,461,425	10/24/95	Fowler, et al	348	214	2/15/94	
<i>zm</i>	AB	5,892,540	4/6/99	Kozlowski, et al	348	300	6/13/96	
<i>zm</i>	AC	6/043,525	3/28/00	Chen	257	292	12/15/98	
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							Yes	No
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<i>zm</i>	AD	Copy of PCT Search Report						
Examiner <i>[Signature]</i>				Date Considered <i>9-16-03</i>				
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<i>jm</i>	AA	5,461,425	10/24/95	Fowler, et al	398	299	2/15/94	
<i>jm</i>	AB	5,892,540	4/6/99	Kozlowski, et al	398	300	6/13/96	
<i>jm</i>	AC	6/043,525	3/28/00	Chen	257	292	12/15/98	
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